

PTO/SB/08A (02-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/719,106
Filing Date	11/21/2003
First Named Inventor	Lewis et al.
Art Unit	2142
Examiner Name	Unknown
Attorney Docket Number	AOL0156

Sheet 1

of 4

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
JW	A	US- 5,991,824	11/23/99	Strand, et al.	
	B	US- 6, 219,669	4/17/01	Haff, et al.	
	C	US- 6, 248,946	6/19/01	Dwek	
	D	US- 2001/0018858 A1	9/6/01	Dwek	
	E	US- 2002/0027567 A1	3/7/02	Niamir	
	F	US- 2002/0073149	6/13/02	Young	
	G	US- 2002/0120783 A1	8/29/02	Evgey	
	H	US- 6,496,851	12/17/02	Morris, et al.	
	I	US- 2003/0009518 A1	1/9/03	Harrow, et al.	
	J	US- 2003/0009570 A1	1/9/03	Moskowitz	
	K	US- 2003/0028451 A1	2/6/03	Ananian	
	L	US- 2003/0061287 A1	3/27/03	Yu, et al.	
	M	US- 2003/0065774 A1	4/3/03	Steiner, et al.	
	N	US- 2003/0097299 A1	5/22/03	O'Kane, et al.	
	O	US- 2003/0100965 A1	5/29/03	Strick, et al	
	P	US- 2003/0110925 A1	6/19/03	Strick, et al.	
	Q	US- 2003/0110926 A1	6/19/03	Strick, et al	
	R	US- 2003/0171982A1	9/11/03	Paul	
	S	US- 2003/0225846	12/4/03	Heikes, et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	T	KR-200207759		Jang		
	U	KR 2001083827 d	7/2/01	Oh	100 copies	
	V	KR 2001083828	7/2/01	Oh		
	W	JP 2003007276	8/22/01	Tetsuya et al.		

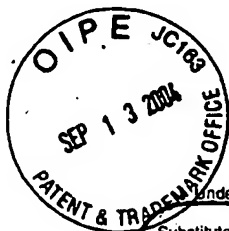
Examiner  
SignatureDate  
Considered

11/5/03

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (02-03)  
Approved for use through 04/30/2003. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

### Complete if Known

Application Number	10/719,106
Filing Date	11/21/2003
First Named Inventor	Lewis et al.
Art Unit	2142
Examiner Name	Unknown
Attorney Docket Number	AOL0156

Sheet	4	of	4
-------	---	----	---

### OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JW	I1	CHERRY, S., "IM Means Business" - Spectrum, IEEE, Vol.39, Issue: 11, November 2002, Pgs 28-32	
	J1	DREWS, C. et al. "Virtual Jukebox: Reviving a Classic", Proceedings of the 335th Annual Hawaii International Conference on System Sciences, pgs 887-93, IEEE Comput. Soc. Los Alamitos, CA, USA 2002. <i>no mark</i>	
	K1	GRIMM, R. et al. "Peer to Peer Music Sharing with Profit but Without Copy Protection", Proceedings Second International Conference on WEB Delivering of Music WEDELMUSIC 2002, pgs 17-22, IEEE Comput. Soc. Los Alamitos, CA, USA 2002. <i>abstract no month</i>	
	L1	BELLINI, P. et al. "Multimedia Music Distribution and Sharing Among Mediaticues, Archives and Their Attendees", Proceedings Second International Conference on WEB Delivering of Music, WEDELMUSIC 2002, pgs 23-9, IEEE Comput. Soc. Los Alamitos, CA, USA 2002. <i>Abstract 5 month</i>	
	M1	HAYES, C. et al. "Programme Driven Music Radio", ECAI 2002 15th European Conference on Artificial Intelligence Proceedings, pg. 633-7, IOS Press, Amsterdam, Netherlands 2002. <i>no month</i>	
	N1	NG, W.: "A Self-Configurable Peer to Peer System," Department of Computer Science, National University of Singapore; <i>no date</i>	
	G1	(No author given) "The User's Perspective of Context Dependent Systems"; <i>no date</i>	
JW	H1	ROMAN, M., et al. "A User-Centric, Resource-aware, Context-sensitive, Multi-device Application framework for Ubiquitous Computing Environments"; Department of Computer Science, Univ. of Illinois at Urbana-Champaign. <i>7/2002</i>	

Examiner Signature	<i>John O. Walsh</i>	Date Considered	<i>1/8/08</i>
--------------------	----------------------	-----------------	---------------

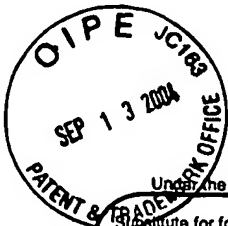
\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.





PTO/SB/08B (02-03)

Approved for use through 04/30/2003. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/719,106
		Filing Date	11/21/2003
		First Named Inventor	Lewis et al.
		Art Unit	2142
Examiner Name	Unknown		
Attorney Docket Number	AOL0156		
Sheet	3	of	4

OTHER PRIOR ART–NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	Y	HYOUNG-DO, K., "A Virtual Music Network Scalable to Network and Terminal Characteristics", Proceedings of the 11996 Pacific Workshop on Distributed Multimedia Systems, pgs 246-50, Knowledge Syst Inst Skokie, IL, USA, 1996. <i>no month</i>	
JW	Z	MACEDONIA, M., "Distributed File Sharing: Barbarians At The Gates?"; Computer, Vol. 33, no. 8, pgs 99-101, IEEE Comput. Soc, USA, Aug. 2000. <i>abstract only</i>	
JW	A1	ADAR, E. et al. "Free Riding on Gnutella"; First Monday, Vol. 5, No. 10, Oct. 2000	
h	B1	BARNHART, A., "Share and Share Alike [P2P Technology]: Software Development, vol. 9, No. 2, pgs 31-5, Miller-Freeman; Feb. 2001	
SW	C1	MITSUOKA, M., WATANABE, S., KAKUTA, J., OKUYAMA, S., "Instant Messaging with Mobile Phones to Support Awareness", Applications and the Internet, January 2001. <i>Pgs 223-230</i>	
JW	D1	DELANEY, B., "The Power of P2P", IEEE Multimedia, vol.8, no.2, p.100-3; IEEE, USA, April-June 2001	
	E1	HAYES, C., et al. "Smart Radio-Building Musci on The Fly", Applications and Innovations in Intelligent Systems VIII. Proceedings of ES2000, the Twentieth SGES International Conference on Knowledge Based Systems and Applied Artificial Intelligence, Pgs 129-38; Springer-Verlag <i>no date</i>	
	F1	HAYES, C., et al., "Smart-Radio - Community Based Music Radio", Knowledge-Based Systems, vol. 14, no.3-4, pgs 197-2-1, Elsevier, UK, 2001. <i>no month</i>	
	G1	HUMMEL, J. et al. "The Community Model of Content Management": Towards the E-Society: E-Commerce, E-Business, E-Government (13E 2001) pgs 231-46; Kluwer Academic Publisher, Norwell, MA, USA, 2001. <i>no month</i>	
	H1	LECHNER, U., "Peer to Peer File Sharing"; Innovative Internet Computing Systems. Second International Workshop, IICS 2002. Proceedings (Lecture Notes in Computer Science Vol. 2346) pgs 229-40; Springer-Verlag, Berlin, Germany, 2002. <i>no month</i>	

Examiner Signature	<i>John B. Welch</i>	Date Considered	11/5/03
--------------------	----------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.